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January–March 1948

Quarterly Journal

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SURVEYING AND MAPPING

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of Surveying and Mapping

Volume VIII, No. 1
January–March, 1948

Aaron L. Shalowitz, *Editor-in-Chief*

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Membership Roster

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Constitution and By-Laws

Our Publications Committee

BEGINNING with this issue of SURVEYING AND MAPPING, and as a part of the reorganization of the Congress in accordance with its new constitution, it has been found necessary to enlarge the Publications Committee in order to distribute more equitably the work-load of soliciting, reviewing, and editing material for publication. It was also desirable to include within its membership individuals of recognized standing in their profession who were particularly qualified in one or more of the special fields of interest to the Congress.

The Congress was unfortunate in losing the services of Mr. J. O. Kilmartin of the U. S. Geological Survey, former Chairman of the Committee, who had to relinquish this responsibility due to pressure of official duties. Through the kind offer, however, of Mr. Helmuth Bay, Washington representative of Rand McNally & Company, to serve as Chairman, assurance is given that he, with the full support and co-operation of the enlarged committee, will amply fulfill the editorial commitments and responsibilities of the Congress. Mr. A. L. Shalowitz, of the U. S. Coast and Geodetic Survey, our very able Editor-in-Chief, will continue to give his services in maintaining the high standards of the Journal. The members of the new Publications Committee are as follows:

WARREN C. CRUMP, Deputy Chief Engineer, U. S. Hydrographic Office
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To obtain a uniform flow of well selected and diversified articles such as are necessary to insure a wide "reader-interest," it is essential to have on hand at all times a backlog of at least 16 to 20 articles to choose from. The Committee expects to be working at least two issues ahead of the current publication.

I want to emphasize that the Journal belongs to the members, and the yardstick of its creative interest must spring from them. Articles do not emanate from the few temporary officers of the Congress, but must be furnished by the members who are "on the firing line," and from those with a vast field of experience who are willing to share their experiences with others. Brief articles dealing with commonly met problems and "shop notes" would be particularly suitable. Other suggested topics are historical subjects, such as surveys of state and international boundaries, evolution of surveying instruments, exploration surveys, scientific expeditions, and public land surveys; and miscellaneous subjects such as problems of transportation and subsistence in exploratory surveys, experiences with native guides, etc.

I solicit your personal ideas and opinions—which you as a member want your Journal to contain.

MARSHALL S. WRIGHT
President

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This roster includes all members in the American Congress on Surveying and Mapping as of March 31, 1948. Members without good standing cards may inquire from the Secretary regarding the present status of unremitted dues. Information as to omissions, or changes in classification or address, should be forwarded to the Secretary as soon as possible.

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Constitution and By-Laws

American Congress on Surveying and Mapping

(Revision Adopted at Seventh Annual Meeting—August 15, 1947)

CONSTITUTION

ARTICLE I. Name and Object

1. The name of this organization shall be:
   a. The American Congress on Surveying and Mapping.
2. The American Congress is a non-profit organization whose objectives shall be:
   a. To advance the sciences of surveying and mapping in their several branches, in furtherance of the public welfare and in the interests of both those who use maps and surveys and those who make them, and to establish a central source of reference and union for its members.
   b. To contribute to public education in the use of surveys and maps and to encourage the prosecution of basic surveying and mapping programs, especially those programs which are paid in whole or in part with public funds.

ARTICLE II. Membership

1. There shall be the following classifications of membership—Individual Members and Institutional Members further subdivided as indicated.
   Individual Members
      Member
      Fellow
      Honorary
   Institutional Members
      Professional and Technical Associations
      Sustaining
      Library
2. Members. Any person interested or engaged in surveying and mapping whose application, filed in the proper manner, has been approved by the Committee on Admissions.
3. Fellow Members. Any member of the Congress may be chosen as a Fellow of the Congress, providing he has made some outstanding contribution to surveying and mapping or to the Congress. Not more than five fellows may be elected in any one year.
4. Honorary Members. Any person of national or international fame who has made some outstanding contribution to surveying and mapping may be chosen as an Honorary Member. Not more than two honorary members may be elected in any one year.
5. Professional and Technical Associations. Any professional organization interested in surveying and mapping activities may become an Institutional Member, upon application filed in the proper manner, and approved by the Committee on Admissions.
6. Sustaining Members. Any Commercial or Professional Institution or Individual interested or engaged in surveying and mapping, the manufacture of instruments or equipment for this work, or the reproduction or compilation of maps, may become a Sustaining Member upon application filed in the proper manner, and approved by the Committee on Admissions.
7. Any Library may become a subscriber to the periodicals of the Congress and will be listed as a Library Member upon request accompanied by library subscription fee.

ARTICLE III. Admissions

1. All members other than Honorary, Fellows, and Library Members shall be admitted to membership upon a 75% favorable vote of the Committe on Admissions.
2. Honorary Members shall be proposed in a written petition, signed by at least 10 members of the Congress and submitted to the Executive Secretary at least two months prior to the Annual Meeting, for approval by at least a 75% vote of the Board of Direction.
3. Fellow Members shall be proposed in a written petition, signed by at least 5 members of the Congress and submitted to the Executive Secretary at least two months prior to the Annual Meeting, for approval by at least 75% vote of the Board of Direction.
4. Library Members will be admitted to membership upon approval of application by the Executive Secretary.

ARTICLE IV. Dues

1. There shall be no entrance fees charged for admission to the Congress.
2. The annual dues payable on January 1 of each year, beginning in 1948, shall be as follows:
   Individual Members (Entitled to vote in

Congress and to receive all publications):

Member	$ 5.00
Member, residing outside of the U. S. and Possessions	6.00
Fellow	5.00
Honorary	None
Institutional Members:	
Professional and Technical Associations (Membership by professional association involves no payment of dues by the Association as an organization. An organization becomes eligible for membership in the Congress after either 25 of its members or 10% of its membership become members of the Congress.)	
Sustaining Membership—Annual dues	25.00
Library—Membership Subscription	4.00
Library—Membership Subscription, located outside of the U. S. and Possessions	5.00

ARTICLE V. Officers

1. The Officers of the Congress shall be a President, Vice-President, an Executive Secretary, a Treasurer, and an Editor-in-Chief. These officers, together with a Board of Directors of twelve members, shall constitute the Board of Direction of the Congress.
2. The terms of office of the President and Vice-President shall be one year, the Directors two years, which terms shall commence at the close of the Annual Meeting at which the officers are elected and continue until a successor qualifies. The President shall serve no more than two terms in succession. All other officers and employees shall hold office at the pleasure of the President and the Board of Directors.
3. The Board of Directors, except the outgoing Past-President who shall automatically become a Director for a two-year term at the expiration of his office, shall be elected by the members for a term of two years, except in the first election when six shall be elected for one-year terms and five for two-year terms. In succeeding years five new Directors shall be elected for two-year terms. When the President succeeds himself an extra Director shall be elected for one year. The President of the Congress shall serve as Chairman of the Board of Directors and will cast the deciding vote in the case of a tie. The Board of Directors will meet at the time of the Annual Meeting and at such other times as may be deemed necessary by the Executive Committee.
4. The Executive Committee, composed of the President, Vice-President, Executive Secretary, Treasurer, the Editor-in-Chief, the out-going Past-President, and one or more members of the Board of Directors, appointed by the Board, shall exercise such authority as may be delegated to them, when the Board of Direction is not in session.
5. A National Advisory Council, composed of one member of each of the States and Territories of the United States, and other selected Areas, having ten or more resident members of the Congress, shall be appointed by the Board of Direction to hold office at its pleasure.
6. In case of vacancies occurring in the Board of Directors, the Executive Committee shall instruct the Nominating Committee to increase the list of candidates for election so that a membership of twelve is maintained.
7. The President, Vice-President, and Directors shall be elected by letter ballot preceding the Annual Meeting.
8. The Executive Secretary, Treasurer, and Editor-in-Chief shall be appointed by the President subject to confirmation by the Board of Directors, to serve during his term of office.
9. The Nominating Committee, appointed by the President, shall meet prior to the Annual Meeting, and prepare a ballot to be mailed to the entire membership sixty (60) days before the date of election.

   The Nominating Committee of 3 members, each from a different field of activity, shall select candidates for election to serve on the Board of Directors from as varied a field of surveying and mapping activities as practicable. These should include the major government surveying and mapping agencies, state and federal; commercial interests such as instrument manufacturers, engineers, surveyors, map publishers and cartographers; geographers and members of educational institutions; and representatives of scientific, technical, and professional societies.

ARTICLE VI. Meetings

1. An Annual Meeting shall be held each year at such time and place as the Board of Direction may determine.
2. Such other meetings of the Congress as

may be deemed necessary, may be held at such time and place as the Board of Direction may determine, providing the proposal for such meeting is approved by the Executive Committee of the Board of Direction.

3. Quorums to transact the business of the Congress shall be as follows:

Membership	25 members
Board of Direction	9 members
Executive Committee	4 members

ARTICLE VII. Committees

1. There shall be the following standing committees, the appointments to which shall be made by the President.
   1. Membership
   2. Publications
   3. Public Relations
   4. Finance and Auditing

   Such other committees may be appointed by the President as he may deem necessary.

ARTICLE VIII. Replacement of Officers

1. The Board of Direction shall have the authority to fill any vacant office of the Congress, for the unexpired term.
2. The Board of Direction shall have the authority to declare vacant any office of the Congress, when 75% of the members of the Board have indicated by signed ballot their belief that such action is necessary.

ARTICLE IX. Amendments

1. Amendments or additions to this Constitution must be approved by a vote of the Board of Direction, and ratified by letter ballot of the membership. 75% approval of those voting shall be required.

ARTICLE X. By-Laws

1. Such By-Laws as are essential to the conduct of the affairs of the Congress may be enacted from time to time, at the discretion of the Board of Direction. These By-Laws will be in force until the next Annual Meeting, at which time they will be submitted to the Congress for action.

BY-LAWS

SECTION I. Administration of Congress

1. Board of Direction of the Congress composed of:—
   President
   Vice-President
   12 Directors
   Executive Secretary
   Treasurer
   Editor-in-Chief
2. Executive Committee of the Congress composed of:—
   President
   Vice-President
   Executive Secretary
   Treasurer
   Editor-in-Chief
   Outgoing Past-President
   One or more Directors
3. Advisory Council of the Congress composed of:—
   One member from each State, Territory, or Area having ten members or more.

SECTION II. Advisory Council

1. The duties of members of the Advisory Council shall be to advance the objectives of the Congress within the boundaries of their State, Territory or Area; to use every possible means to increase the understanding and appreciation of surveying and mapping in the public mind; to inform the Executive Committee of all important mapping projects within their jurisdiction, and to advise in regard as to how the Congress can be of assistance in furthering them; to increase membership in the Congress; and to encourage the establishment of Local Sections.

SECTION III. Technical Divisions

1. Professional or Technical Divisions may be formed at the discretion of the Board of Direction, and may be organized to deal with each of the various fields of interest or activity of the Congress. Professional or Technical Divisions will have no geographical boundaries and their activities will be along technical or professional lines. Action in the formation of a Professional or Technical Division may be initiated upon the approval of a request of not less than 15 members, or when in the opinion of the Board of Direction a sufficient number of members have indicated the phase of surveying and mapping as their first interest.
2. On the initial organization of any Professional or Technical Division the President of the Congress will appoint a committee of five members of the new Professional or Technical Division who shall select their own chairman. This Committee shall hold office only until the actual organization of the Professional or Technical Division takes place, at which time it will elect its own officers and determine its own organization.

3. Each Professional or Technical Division will have the following Committees:
   a. Program Committee—To arrange for the program of the Division at the Annual Meeting.
   b. Membership Committee—To interest members and non-members of the Congress in the activities of the Division.
   c. Research and Development Committee—and such specific sub-committees as the Division may deem wise and necessary.
   d. Technical Standards Committee—To study and attempt to improve such technical standards as exist in the particular field.
   e. Such additional committees as may be necessary for the operation of the Division.
4. The Professional or Technical Division will assist, upon request, in arranging such portions of programs sponsored by the Local Sections as come within their particular field of activity.
5. The annual budget of the Professional or Technical Division shall be prepared by Division Officers and submitted to the Executive Committee of the Congress for approval. The total amount of the budget shall not exceed an amount equivalent to fifty (50) cents for each member of the Congress who has indicated the particular Division as his first choice on the application form.
6. The Associate-Editor from each of the Professional or Technical Divisions will forward to the Publications Committee of "Surveying and Mapping" each month a report on the activities of his Division to include accounts of meetings held, and papers presented which the Division desires to publish.
7. The Associate-Editor will review such papers as may be presented to the Congress for publication in connection with the field covered by his Division and shall make recommendations to the Publications Committee of "Surveying and Mapping" regarding the suitability of the papers for publication.

SECTION IV. Local Sections

1. Local Sections may be organized covering geographical areas, such as cities, metropolitan areas, counties, states, or regions. The request of at least fifteen (15) members will call for the consideration of the Executive Committee of authorization to form a Local Section, providing no other Local Section is already in existence in the locality specified.
2. A chairman of the newly organized Local Section will be appointed by the President of the Congress to hold office only until actual organization of the Section takes place, at which time the Section will elect its own officers and determine the time and place of meeting.
3. The Local Sections will have the following officers:—
   Chairman
   Vice-Chairman
   Secretary-Treasurer
   Assistant-Editor—Makes report on each meeting and other activities to the Publications Committee of "Surveying and Mapping."
4. Each Local Section must hold a minimum of two meetings per year. A copy of the minutes of each meeting shall be forwarded to the President of the Congress.
5. Local Sections may or may not assess dues as the membership decides to vote.
6. Each Local Section will have the following standing committees:—
   Program
   Membership
7. Such additional committees as may be deemed advisable by the Local Section may be appointed by the Chairman of the Local Section.

SECTION V

The Executive Committee shall have whatever authority necessary to put this constitution into operation, including the clarifying of the wording of the constitution wherever necessary.